

# Analytical Data Sheet

Lot number

**0536464**

not for drug use

**Catalog Number**

**H-9445.0005**

**Product number**

**4013767.0005**

**Product**

**Mastoparan X**

H- Ile- Asn- Trp- Lys- Gly- Ile- Ala- Ala- Met- Ala-  
Lys- Lys- Leu- Leu- NH<sub>2</sub>

**Molecular formula**

**Relative molecular mass**

Tests	Results	
<b>Appearance</b>	white powder	
<b>Appearance of solution</b>	clear, colorless solution (10 mg/ml in water)	
<b>Identification (ESI-MS)</b>	m = 1556.0u	
<b>Amino acid analysis</b>	Asx 0.59 (1)    Met 1.10 (1) Ala 3.23 (3)    Leu 2.00 (2) Ile 1.91 (2)    Trp 0.77 (1) Lys 2.96 (3) Gly 1.02 (1)	
<b>Purity (HPLC)</b>	97.8% (TFA) 97.3% (TEAP) 96.0% (NaClO <sub>4</sub> )	
<b>Assay (elemental analysis)</b>	73.7% (Nth 18.00 %, Nfd 13.27 %)	
<b>General comment</b>	product supplied as a trifluoroacetate salt	
Latest update: October 25, 2008		<b>Analytical Data Sheet</b> Lot number <b>0536464</b>